

Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>				<b>Complete If Known</b>	
				Application Number	Continuation of 09/807,005
				Filing Date	July 23, 2003
				First Named Inventor	Takatoshi Miyahara
				Art Unit	N/A
				Examiner Name	Not Yet Assigned
Sheet	1	of	2	Attorney Docket Number	027430.101-US01

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
RTC	AA	US-4,840,893	06-20-1989	NGK Insulators Ltd.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
RTC	BA	EP-667398-A2	08-16-1995	Kyoto Daiichi Kagaku Co.		
RTC	BB	JP-09-288085	11-04-1997	NGK Insulators Ltd.		
RTC	BC	JP-10-146183-A1	06-02-1998	Toshiba Corp.		

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NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T <sup>2</sup>
RTC	CA	Downs, Mark et al., "New DNA Technology and the DNA Biosensor," Analytical Letters, 20(12): 1897-1927 (1987).			
RTC	CB	Gilles, Patrick N. et al., Nature Biotechnology, 17(4): 365-370 (April 1999).			
	CC	<del>Hashimoto, Koji, et al., "DNA sensor for electrochemical gene detection," Preparing for Clinical Care Analyses in the 21st Century, 46th International Symposium, 1996.</del>			
RTC	CD	Ihara, Toshihiro et al., "Synthesizing and Applying the Bis-intercalator as an Electrochemical Detection Probe of DNA," Proceedings of the Japan Society for Analytical Chemistry, p. 54 (1989) - English translation attached.			
RTC	CE	Molinier-Jumel, Catherine, et al., "Electrochemical Study of DNA-Anthracyclines Interaction," Biochemical and Biophysical Research Communications, 1978.			
RTC	CF	Palecek, Emil, "Adsorptive Transfer Stripping Voltammetry: Determination of Nanogram Quantities of DNA Immobilized at the Electrode Surface," Analytical Biochemistry, 170: 421-31 (1988).			
RTC	CG	Takenaka, Shigeori, et al., "Bis-9-acridinyl Derivative Containing a Viologen Linker Chain: Electrochemically Active Intercalator for Reversible Labelling of DNA," J. CHEM. SOC., CHEM. COMMUN., 1990.			
RTC	CH	Takenaka, Shigeori, et al., "DNA Sensing on a DNA Probe-Modified Electrode Using Ferrocenylnaphthalene Diimide as the Electrochemically Active Ligand," Anal. Chem. 2000.			
RTC	CI	Takenaka, Shigeori, et al., "Electrochemically active threading intercalator with high stranded DNA selectivity," J. Chem. Soc., Chem. Commun., 1998.			
RTC	CJ	Takenaga, Shigeori et al., "Synthesizing the Electrochemical Threading Type Intercalator and Applying the Electrochemical Threading Type Intercalator to a DNA Sensor," Proceedings of the Japan Society for Analytical Chemistry, pp. 137-138 (1996) - English translation included.			

Examiner Signature	/Robert Crow/	Date Considered	05/11/2006
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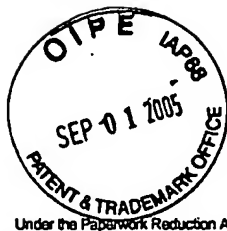
Substitute for form 1449/PTO				<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				Application Number	C ntinuati n of 09/807,005
				Filing Date	July 23, 2003
				First Named Inventor	Takatoshi Miyahara
				Art Unit	N/A
				Examiner Name	Not Yet Assigned
Sheet	2	of	2	Attorney Docket Number	027430.101-US01

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	<del>OK</del>	<del>Takenaka, Shigeori, "Synthetic threading intercalators as a new analytical probe for nucleic acid and gene detection," Business Kagaku, Vol. 48, No. 12, 1999 and its English summary.</del>		
RTC	CL	Takenaka, Shigeori, et al., "Threading Intercalators as a New DNA Structural Probe," Bull. Chem. Soc. Jpn, 72, 1999.		
RTC	CM	Yamashita, Kenichi, et al., "Electrochemical Detection of Base Pair Mutation," Chemistry Letters 2000.		

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Substitute for form 1449A/B/PTO			<b>Complete if Known</b>		
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>			Application Number	10/624,567-Conf. #6611	
			Filing Date	July 23, 2003	
			First Named Inventor	Takatoshi Miyahara	
			Art Unit	1634	
			Examiner Name	M.S. Danton	
Sheet	1	of	1	Attorney Docket Number	027430.101-US01

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		Number-Kind Code <sup>2</sup> (if known)			
RTC	AA	US-5,814,450	09-29-1998	Stanley et al.	
RTC	AB	US-6,071,394	06-06-2000	Cheng et al.	
RTC	AC	US-6,274,373	08-14-2001	Virtanen	

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		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				

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RTC	AA	US-4,343,684	08-10-1982	Lechtzen	
	AB	US-5,108,576	04-28-1992	Malmros, et al.	
	AC	US-5,614,004	03-25-1997	Wachi	
	AD	US-5,873,992	02-23-1999	Glezen	
	AE	US-6,048,692	04-11-2000	Maracas, et al.	
	AF	US-6,093,370	07-25-2000	Yasuda, et al.	
	AG	US-6,126,800	10-03-2000	Caillat, et al.	
	AH	US-6,340,568	01-22-2002	Hefti	
RTC	AI	US-6,368,851	04-09-2002	Baumann, et al.	

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RTC	BA	-JP-56-152958 A	11-26-1981		Abstract only	
RTC	BB	-JP9288080	11-04-1997	Shinnitsuka Kankyo Eng:KK:: Takenaka Shigeori	Abstract only	

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RTC	CA	BAIN, C. D. et al., Formation of Monolayer Films by the Spontaneous Assembly of Organic Thiols from Solution onto Gold, J. Am. Chem. Soc., 111: 321-335 (1989).			
RTC	CB	GOODING, J. J. et al., Platinum-Catalyzed Enzyme Electrodes Immobilized on Gold Using Self-Assembled Layers, Anal. Chem, 70: 2396-2402 (1998).			

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